

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claims 1-5 : (Canceled)

Claim 6 : (Currently Amended) A balun, comprising: a plurality of planar lines coupled to each other, one end of a first of the lines running interposed between a second of the lines and a third of the lines serving as an unbalanced gate, the other end of the first line being connected to ground, one end of each of the second and third lines serving as a balanced gate, and the other ends of the second and third lines, not serving as gates, being capacitively coupled to each other.

Claim 7 : (Previously Presented) The balun according to claim 6, wherein, for capacitive coupling, the other ends of the second and third lines are connected to line sections that run next to each other over a stipulated length.

Claim 8 : (Previously Presented) The balun according to claim 6, wherein, for capacitive coupling, the other ends of the second and third lines are connected to each other via at least one capacitor.

Claim 9 : (Previously Presented) The balun according to claim 6, and a capacitor connected in series to the third line.

Claim 10 : (Previously Presented) The balun according to claim 6, wherein the first, second and third lines coupled to each other have a coupling length of about one-fourth of an average operating wavelength of the balun.